

20031123.qrp v03_n113.qrl.20031123

Date: Sun, 23 Nov 2003 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3113

QRP-L Digest 3113

Topics covered in this issue include:

- 1) [161690] Re: Frequency measurement
by "James R. Duffey" <JamesDuffey@comcast.net>
- 2) [161691] Tektronix Scope For Sale...
by "Tom Little" <n0dsp@msn.com>
- 3) [161692] Re: Frequency measurement
by "DTX" <dtx@wood.tzo.com>
- 4) [161693] Re: Tektronix Scope For Sale...
by "Chris Trask" <chistrask@earthlink.net>
- 5) [161694] ham outside the box..
by sergio <sergio@village-buzz.com>
- 6) [161695] VE3DNL marker generator kit
by KI8DU <ki8du1@yahoo.com>
- 7) [161696] Small Handheld
by Karl Larsen <k5di@zianet.com>
- 8) [161697] Appalachian Trail operation in PA today
by "Ron Polityka" <wb3aal@verizon.net>
- 9) [161698] Source for crystals & CW Crystals
by Nils R Young <nilsbull@juno.com>
- 10) [161699] Is dis da radio dat spoilt my goilfriend?
by Nils R Young <nilsbull@juno.com>
- 11) [161700] Z-11 Discontinued
by "Jeff Davis" <ke9v@comcast.net>
- 12) [161701] Rigs and more for Sale
by Ed Lawson <k1vp@grizzly.com>
- 13) [161702] TS7N and signing "QRP"
by "George Osier" <gosier@twcnny.rr.com>
- 14) [161703] FS: A&A 30 m QRP
by "Tim Kass" <timkass@hotmail.com>
- 15) [161704] Re: VE3DNL marker generator kit
by M Taylor <mctylr@privacy.nb.ca>
- 16) [161705] QRP rig reviews
by "John Shannon" <jsk3wvp@alltel.net>
- 17) [161706] Re: TS7N and signing "QRP"
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 18) [161707] For Sale - Baluns and Meters
by John Meade <jm416@optonline.net>
- 19) [161708] more on the artificial ground..

- by sergio <sergio@village-buzz.com>
- 20) [161709] Sunday Night Net
by "Jerry Ford" <benlightnd13@mchsi.com>
- 21) [161710] VE3DNL and freq. measurement
by Karl Larsen <k5di@zianet.com>
- 22) [161711] Re: VE3DNL marker generator kit
by John Sielke <jsielke@pobox.com>
- 23) [161712] ot -- laptop recommendation needed
by Gary Lee <kb9zuv@arrl.net>
- 24) [161713] Re: Appalachian Trail operation in PA today
by "Ron Polityka" <wb3aal@verizon.net>
- 25) [161714] Re: VE3DNL and freq. measurement
by "James R. Duffey" <JamesDuffey@comcast.net>
- 26) [161715] KX1 #93 on the Air
by "Alan Fryer" <N3BJ@hotmail.com>
- 27) [161716] Re: TS7N and signing "QRP"
by "James R. Duffey" <JamesDuffey@comcast.net>
- 28) [161717] Re: Appalachian Trail operation in PA today
by "Joe Martin" <km5cw@wt.net>
- 29) [161718] Last of free QST's headed to recycling or ???
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 30) [161719] Re: TS7N and signing "QRP"
by George Fremin III <geoiii@kkn.net>
- 31) [161720] Elmer 160: Time to get to work
by "John J. McDonough" <wb8rcr@arrl.net>
- 32) [161721] Re: VE3DNL and freq. measurement
by "Brian Murrey" <brian@iquest.net>
- 33) [161722] Re: Appalachian Trail operation in PA today
by "Brian Murrey" <brian@iquest.net>
- 34) [161723] Re: TS7N and signing "QRP"
by John Sielke <jsielke@pobox.com>
- 35) [161724] Re: [Ham-pic] Announcing Elmer 160
by jacksonharbor@att.net
- 36) [161725] Re: more on the artificial ground..
by Karl Larsen <k5di@zianet.com>
- 37) [161726] Re: TS7N and signing "QRP"
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 38) [161727] Re: VE3DNL and freq. measurement
by Karl Larsen <k5di@zianet.com>
- 39) [161728] Re: TS7N and signing "QRP"
by "Tony Martin W4FOA" <w4foa@comcast.net>
- 40) [161729] Re: Sunday Morning SSB/CW QRP Net
by "Ken La Rose" <kenlar@csolve.net>
- 41) [161730] Re: VE3DNL marker generator kit
by "Rich Johnson" <rjohnson390@comcast.net>
- 42) [161731] Re: VE3DNL and freq. measurement
by Karl Larsen <k5di@zianet.com>
- 43) [161732] Re: TS7N and signing "QRP"

- by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 44) [161733] Re: Last of free QST's headed to recycling or ???
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 45) [161734] RE: TS7N and signing "QRP"
by "David LeDuc" <dleduc@adelphia.net>
- 46) [161735] Re: VE3DNL and freq. measurement
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 47) [161736] Re: TS7N and signing "QRP"
by John Sielke <jsielke@pobox.com>
- 48) [161737] Re: VE3DNL and freq. measurement
by Karl Larsen <k5di@zianet.com>
- 49) [161738] Re: Is dis da radio dat spoilt my goilfriend?
by "John Harper" <john@ae5x.com>
- 50) [161739] Re: VE3DNL and freq. measurement
by Steve Ratzlaff <steveratz@eoni.com>
- 51) [161740] eBay Scam?
by "William Phinizy" <k6whp@verizon.net>

Date: Sat, 22 Nov 2003 17:02:55 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [161690] Re: Frequency measurement
Message-ID: <BBE5473F.FA0C%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Karl - You don't need to read your radio dial closer than the 10 Hz it is capable of. You just need to set it accurately. This can be done with a marker generator. The marker generator can be set to WWV.

Lets say you are trying to measure a signal near 7051. Use a marker generator that puts out a signal at 7050 Hz to set your FT-817 to 7050.00. The marker generator could be as simple as a VE3DNL marker generator carefully zero beat to WWV, or set with a frequency generator, or as sophisticated as one of Trevor's signal generators.

Now, leaving the FT-817 set, you should be able to hear the signal you are trying to measure. You can zero beat it with a calibrated audio oscillator, measure the frequency with a frequency counter, or use a spectrum analyzer like Spectrogram. Add the measured frequency to the 7050.

There are refinements to the basic techniques but the above description will give you a good start. Geoprge and Jim both had good descriptions of

techniques that work. The URL:

<<http://www.qsl.net/z11bpu/micro/Precision/index.htm>>

that Stan recommended is very good and contains several techniques as well as plans for several standards. I highly recommend it as well.

Calibrating the standards is, of course, the key here. The marker generator can be zero beat with WWV or CHU for calibration or measured with a good frequency counter. Cheap crystals may not have long term stability, but for short term measurements they should be good enough. The old 100 kHz crystal calibrators should be ideal for this purpose if divided down. The audio generator can be calibrated using the standard 600 hz (?) tone on WWV, a well tuned piano, a guitar tuner, Spectrogram, or a tuning fork.

Remember in the 40s, 50s, and 60s, Hams made very accurate measurements with receivers that were calibrated in 1 kcps or even 5 kcps divisions.

The key, of course is to make sure that everything is calibrated, and to make sure that you don't use the different standards to calibrate each other. An error analysis is useful. Standards are not always as accurate as they may appear. The URL site above has a couple of beautiful waterfall displays of the frequency standards WWV and VNG over time compared to a stable source. There are frequency excursions of several Hertz over several hours due to doppler shift in the ionosphere. Very nice stuff.

Now to find out why I did so poorly on W1AW the other night, errors of 10s of Hz compared to Jim and George's results, but very good on WWV, errors of only 2-3 Hz. Of course knowing the answer helps. :^)=

This is fun. Maybe we could do a QRP FMT periodically? - Dr. Megacycle
KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 22 Nov 2003 18:05:13 -0700
From: "Tom Little" <n0dsp@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [161691] Tektronix Scope For Sale...
Message-ID: <BAY5-F2704cdW4Xa1y100004de0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well Gang, I purchased this scope in 1999 from "Coppes Enterprises" who had

offered scopes for sale here on QRP-L. I had hoped to understand/use the scope for my homebrew but just don't seem to totally grasp the troubleshooting process. At this point I'd rather have another "toy" sitting in it's place on the bench, so I am looking to sell it. I did take it to Denver to another Ham's shack and he ran it thru the paces and said that it worked fine.

I'm looking to get what I paid back out of it. I do still have the receipt from my purchase of the scope.

I paid \$330.00, not including the shipping for the scope and 2 sets of new probes.

The scope is a:

Tektronics TEK 7603 with 3 "plug in's" (two 7A26 and one 7B53A)
I bought 2 sets of new Avex Probes and a copy of the operator manual.

I'm only selling it because it is over my head and more than I need to enjoy Ham Radio.

Selling it for what I paid for it... plus shipping and insurance. I am looking for a USPS Money order.

Please contact me if interested, or with questions... at

n0dsp@msn.com

Thanks!

73

Tom Little

N0DSP

Bailey, Colorado

Set yourself up for fun at home! Get tips on home entertainment equipment, video game reviews, and more here.
<http://special.msn.com/home/homeent.armx>

Date: Sat, 22 Nov 2003 17:13:45 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [161692] Re: Frequency measurement
Message-ID: <00a801c3b15f\$0b6b59a0\$0c00a8c0@home>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And it will become more and more a practical necessity as we go farther into the 21st century, James. Most of us still listen and tune to signals, even the DSP sound card modes. I often come to the screen after I hear an MFSK16 signal pop up in the passband with a couple of PSK31 stations. But with modes that will work below audibility(sp?) and some that actually sound like white noise, the day is drawing near when two stations 10 hz apart may never "hear" each other.

Along those futuristic lines, imagine the pile ups of the future, where instead of a hundred stations making the howling sounds of today there is just a 5 or 6 db rise in the noise floor ;-). Suppose those of us who are still around then will speak of the old days and drag out a WAV or MP3 file and play them for the youngsters? And explain how in the last century real men decoded in their heads and only the incompetent and lazy slackards used computers<G>

Gary WA6DTX

----- Original Message -----

From: "James R. Duffey" <JamesDuffey@comcast.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, November 22, 2003 4:02 PM

Subject: Re: Frequency measurement

[bandwidth saved]

> Now to find out why I did so poorly on W1AW the other night, errors of 10s
> of Hz compared to Jim and George's results, but very good on WWV, errors
of

> only 2-3 Hz. Of course knowing the answer helps. :^)=

>

> This is fun. Maybe we could do a QRP FMT periodically? - Dr. Megacycle

> KK6MC/5

>

> -----
> James R. Duffey KK6MC/5

> Cedar Crest NM 87009 DM65

>

Date: Sat, 22 Nov 2003 18:58:13 -0700

```
>
> I paid $330.00, not including the shipping for the scope and 2
> sets of new probes.
>
> The scope is a:
>
> Tektronics TEK 7603 with 3 "plug in's" (two 7A26 and one 7B53A)
> I bought 2 sets of new Avex Probes and a copy of the operator manual.
>
```

Chris

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

Date: Sat, 22 Nov 2003 22:56:21 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [161694] ham outside the box..
Message-ID: <5.2.1.1.0.20031122225310.01bca5b8@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; x-avg-checked=avg-ok-2CD2B50; charset=us-ascii;
format=flowed

aside from all the other things i do.. i am also a writer.. i do tons of different things, and am currently working on doing product reviews for the nerd lifestyle. i was asked to make a list of things that i would like to review in the next few months.

i posted that list on my blog at:

www.village-buzz.com

under "products i would like to review.."

i changed the formatting a little to fit on my blog site...

but notice.. i have a k2 on there..

keep in mind that a bajillion non hams will be hitting that blurb on my blog.. maybe we can get some new hams.. who knows...

peace,
sergio
www.village-buzz.com - read my sexy blog!
www.coffee-black.com - photography....
<http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!

phone ... 419 606 0557

Date: Sat, 22 Nov 2003 21:23:30 -0800 (PST)
From: KI8DU <ki8du1@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [161695] VE3DNL marker generator kit

Message-ID: <20031123052330.60051.qmail@web11308.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have one of these kits lying around not in use,
built or un-built ?

'72
Roger / KI8DU
<http://www.qsl.net/ki8du>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Sun, 23 Nov 2003 05:57:09 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [161696] Small Handheld
Message-ID: <Pine.LNX.4.44.0311230544150.4688-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guys get a look at the Yaesu VX-2R dual band transmit palm held
radio at www.hamradio.com. WF5A has been talking to me with one and it
sounds real good. It transmits 1.5 watts on all of 2 meters and 70
Centimeters and recieves from 520 Khz to 999 MHz. You can listen to PBS
when no-one is around to talk to. It will receive the weather and the
police and fire and...

It is so small you can carry it around your neck like a
medallian! I plan to do that since I loose things easy. It has a Lithium
ion battery and the charger circuit is in the RADIO. A new battery is
\$40.00.

We discovered that you can use the autopatch even though there
is no room for a normal keypad. It's hard to do, but you can save 9
telephone numbers that makes it easier.

This radio cost \$129.00 after a \$50 rebate from Yaesu. I ordered
one because my current hand held it 8 years old and the paint is coming
off the aluminum parts. I'm on my 12th battery pack. This is the
smallest and cheapest hand held I have seen.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 23 Nov 2003 08:12:51 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161697] Appalachian Trail operation in PA today
Message-ID: <001a01c3b1c3\$816fe940\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I am taking a break this afternoon from printing the calendars, which are about 80% complete. I am also taking a mental break from all the family problems with my in laws passing away and the other in the hospital. Permission was granted by the wife. :-)

Anyway, I plan to be out on the Appalachian Trail sometime around 16:00 UTC and 17:00 UTC. I am going to take a G5RV Junior and try it out with my K1. Look for me around the usual QRP freq. + or - due to QRM. I will try to be on the following if the propagation is good. 7.041, 10.107, 14.061 or 21.061 MHz. This is an antenna testing session again. If the G5RV Junior works good I might be taking this antenna out on the AT or just place it up at my home QTH.

I will be operating on the AT just north of Route 183 near Strausstown, PA.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

Date: Sat, 22 Nov 2003 08:39:55 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [161698] Source for crystals & CW Crystals
Message-ID: <20031122.084043.-240809.1.nilsbull@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Oh, I almost forgot: I found my box of xtals that I'd ordered in the long-back from CW Crystals. I remember something about them having gone out of business.

But I also seem to remember (which is not remembering, mind you) that someone had taken up the job of making crystals as a result of CW Crystals going out of business.

Hints?

73

Nils

. . . with . . . a herring!

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
--

"If you can see this, thank a trilobite!"

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Date: Sat, 22 Nov 2003 08:40:38 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [161699] Is dis da radio dat spoilt my goilfriend?
Message-ID: <20031122.084043.-240809.2.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

A couple weekends back I went into the outhouse clutter & started tossin' stuff. Pieces of aluminum smaller than my hand, old piles of crap from projects I never finished. A 75m SSB radio kit that is so out of date I couldn't figure out how I was gonna make it work once & if I got it

together. Stuff like that.

I did find all three knee joints for a tower I ain't got no more . . . and the four roller feet thingies that go into the legs of the roll-around radio chair.

And the GRC-109 sittin' in its special-made box over in the corner on top of a stack of QSL cards I can't use 'cause I paid for my call. At which point the stupids kicked in & today I took the three pieces of the GRC-109 out of the special-made box and put a couple coats of paint on the box & then brought it inside.

I'd tried out the receiver sittin' on a picnic bench in the back yard & it still works. Then when I got the box & all the components of the '109 set in the house, I tried out the transmitter. It still works. So now I only have one problem . . .

I ain't got no more room in this submarine radio shack for another radio. I mean there's six complete working stations here. And split up among all of that I can count ten receivers and six transmitters. A couple antenna tuners. Three power supplies. And a couple odd control/interface boxes. I done covered one wall almost completely with book shelves & there's three other book cases of various sizes on the other three walls. That and pictures & stuff. If I bring in the '109, I'll have to either bolt the box to the wall somewhere or move a bunch of stuff around or build another shelf to put the '109 across the top of the computer table, over the HP '4p printer or find another place for the color printer.

And this is all 'cause of you chowder heads!

If I hadn't fallen in with you radio crazy motorcycle bikers, I wouldn't have gotten the '109 in the first place! I mean, I've been lookin' at "old fashion" radio schemos all the past two weeks after buryin' Gummo the Cat just to console myself & every time I find a neat schema -- and I get most of 'em out of all the old radios books I collect 'cause some of youze intro'd me to that stuff -- I think "Hey, I got one of those circuits sittin' in the GRC-109."

Which made it awful hard to throw out all that stuff a couple weeks back cleanin' up to find the wheels for the chair!

Big trouble is: I know I got radios could dance rings around the '109 one way or the t'other, but some sick, demented place in me is crazy enough to want to hang antenna wires out the window of the room instead of pipe-linin' the RF through ethernet hose out to the shed where all the remoted RF don't tear up Cindy's listenin' to her favorite Sting CDs. It's one of those "oh yeah, back in the 'good-ol'-days' people used to have their radios and antenna real close to each other & 't heck with the

Sting CDs."

Maybe I'll wait until it snows and then take all this stuff out in the yard and make the neighbors wonder what kind of weed-head I must be, playin' radio with gloves on. And move the GRC-109 & its special-made box back out to the shed. And even that'd be youse's fault!

Happy Thanksgivin', you ol' turkeys!

73

Nils

. . . waitin' on the next auroras so I can say I seen three of 'em in Ohio (not countin' the ones I saw in the North Atlantic, which is another story . . .)

. . . and dagnab if my eldest ain't gonna show up for Thanksgivin' this year! Will wonders never cease?

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
--

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Date: Sun, 23 Nov 2003 08:55:48 -0500
From: "Jeff Davis" <ke9v@comcast.net>
To: "Low Power" <qrp-l@lehigh.edu>
Subject: [161700] Z-11 Discontinued
Message-ID: <006101c3b1c9\$805bab60\$9800a8c0@ke9v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't know if it's been mentioned, but I just noticed that the LDG Z-11 QRP auto-tuner has been discontinued.

LDG is bringing out a new auto-tuner, with similar specs but that handles .1 to 125 watts.

The Z-100 is supposed to be out at the end of November, and it retails for just a tad less than the Z-11 (at least what I paid for a Z-11

last summer).

If interested you can check the details at:

http://www.ldgelectronics.com/z-100_description.html

72,

--

Jeff

Date: Sun, 23 Nov 2003 15:21:07 +0000
From: Ed Lawson <k1vp@grizzly.com>
To: qrp-1@lehigh.edu
Subject: [161701] Rigs and more for Sale
Message-ID: <20031123152107.34bc0f00.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I am still needing to get shack under control. All items are in excellent condition and have manuals.

QRP

OHR 500 with keyer and digital display. Excellent rig with a classic analog look and feel. Very well as in professionally built. Receiver is easy to listen to for hours.

\$325 plus shipping.

DSWs for 40, 30 and 20. Perhaps the best monobanders for hiking, etc. All in blue shell case, all work FB and very well built.

NonQRP

Bencher BY-1 \$75

MFJ keyer that sits on top of Bencher with Bencher By-1. \$100

Nice keyer and mint.

Icom 718 with 500Hz filter. Mike, cords, manual. Nice radio and basically mint. Just not my cup of tea. \$425 plus shipping

MFJ 948 Tuner Set up for use with coax and balanced feeders.

\$75 plus shipping.

Rasonable offers considered.

Ed Lawson
K1VP

Date: Sun, 23 Nov 2003 11:10:39 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [161702] TS7N and signing "QRP"
Message-ID: <001701c3b1dc\$56a548e0\$74883a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey All !!!

Got TS7N this morning on 10 meters !!! Working 2 up I kept calling "N2JNZ"
and kept getting no reply

Then I signed "N2JNZ QRP" and he came right back with "QRP?" from which we
then made the contact !!!

I realize that in most instances I dont sign QRP but when I do I find a
quicker response to my call and at 30 WPM I dont feel that for those 3
letters take too much time is added and that it adds confusion to the
pileup..... IMHO

Soooooooo ... Good Luck to all with these bizarre condx and hope to in there
for the net on Sunday !!!!

72 es 00 !!!!

George , N2JNZ
PIG # 344

Date: Sun, 23 Nov 2003 11:14:35 -0500
From: "Tim Kass" <timkass@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [161703] FS: A&A 30 m QRP
Message-ID: <BAY2-F126ZS2TRqf69a00006c21@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Have a very nice 30 meter A&A Engineering QRP transceiver for sale, works perfectly, asking \$100 ... Tim K8WBL

Say goodbye to busy signals and slow downloads with a high-speed Internet connection! Prices start at less than \$1 a day average.
<https://broadband.msn.com> (Prices may vary by service area.)

Date: Sun, 23 Nov 2003 16:54:51 +0000
From: M Taylor <mctylr@privacy.nb.ca>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [161704] Re: VE3DNL marker generator kit
Message-ID: <20031123165451.A412@pull.privacy.nb.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sat, Nov 22, 2003 at 09:23:30PM -0800, KI8DU wrote:
> Anyone have one of these kits lying around not in use,
> built or un-built ?

No need for a kit really.

The PC Board is available from Far Circuits for \$4,
<<http://www.farcircuits.net/freq1.htm>>

Details are available from
<<http://jacksonharbor.home.att.net/ve3dnlem.htm>>
<<http://qrp.kd4ab.org/1995/950720/0011.html>>
<<http://jacksonharbor.home.att.net/ve3dnl.pdf>>

Parts List:

U1...CMOS 4060 (i.e. MC14060, CD4060)
C1...27pf, NP0 disk preferred
C2...small trimmer cap...used to trim oscillator frequency
nominal capacitance about 25 pf
C3... 0.1 uF decoupling cap
R1...220k to 1MEG resistor
X1...5.12000 Mhz microprocessor xtal

Date: Sun, 23 Nov 2003 12:07:12 -0500
From: "John Shannon" <jsk3wwp@alltel.net>
To: "FISTS maillist" <fists@mailman.qth.net>
Subject: [161705] QRP rig reviews
Message-ID: <000701c3b1e4\$4354da00\$53842845@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I've had many good comments on the QRP rigs page on my web site over the years. One thing I personally like about it are the personal reviews of some of the rigs that my visitors have contributed. However there are still many rigs there that don't have reviews.

Take a look at the page and see which rigs need reviews. Then if you own one of the rigs and are willing to contribute a review, let me know.

Tell me which rig(s) you would be willing to write about, and I'll get back to you. Don't send the review itself yet as I may get more offers for a certain rig than I need. I can only use at most two reviews for each rig. If I get multiple offers for a rig, I'll take the first two received here.

I think personal reviews like these are more informative than the advertising spiels we hear for this or that rig. I want reviews that are objective and not either praising the rig beyond its worth, nor condemning it unnecessarily because the review writer got a lemon. Read my review of the SG-2020 on the web site to see an example of what I want. I point out both the good and bad points of the rig.

Email me direct at jsk3wwp@alltel.net, not via the list. Put the words 'K3WWP rig reviews' in the subject of the message.

TIA

~~~~~  
73 - John, K3WWP - 100% CW & QRP  
using simple wire antennas.

<http://home.alltel.net/johnshan/>

My website is now in its eighth year  
of operation and includes the following:

DX QSL Routes \*\* Operating Tips  
QRP Rigs Info \*\* CW Contest Calendar  
Daily Propagation Info \*\* Your CW Stories

Teens and CW \*\* Monthly polls  
Categorized Quality Links \*\* MUCH MORE

If you love Morse Code, please join the  
FISTS club - <http://www.fists.org>  
I'm proud to be FISTS # 2002

~~~~~

Date: Sun, 23 Nov 2003 09:41:37 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: George Osier N2JNZ <gosier@twcnny.rr.com>
Cc: Low Power radio discussion <qrp-l@Lehigh.EDU>
Subject: [161706] Re: TS7N and signing "QRP"
Message-ID: <20031123174137.77483.qmail@web60306.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- George Osier <gosier@twcnny.rr.com> wrote:

> I realize that in most instances I dont sign QRP but when I do I find
> a
> quicker response to my call and at 30 WPM I dont feel that for those
> 3
> letters take too much time is added and that it adds confusion to the
> pileup..... IMHO
>
> George , N2JNZ
> PIG # 344

Here's what my DX pileup experience has been George...

de DX1DX up 2

K1XXX
W2XXX
N3XXX
KF4XXX
K8KFJ/QRP
K5XXX
W7XXX

See how the QRP stands out after the other callers have finished
signing their calls. This has worked in contests for me as well. As

others on this list have already stated, many DXpeditions have been very good at picking up the QRP callers. Some even seem to go out of their way to do so (which is the very reason I always sign /QRP). I know others disagree but I can only say "it's worked for me".

Nice DX snag George .. Kerennah Island off Tunisia. Nice color photo on the front of the card too.

72, Gary -K8KFJ-

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Sun, 23 Nov 2003 12:46:52 -0500
From: John Meade <jm416@optonline.net>
To: qrp-l@Lehigh.EDU
Subject: [161707] For Sale - Baluns and Meters
Message-ID: <000501c3b1e9\$d0d98b00\$2cfea8c0@DH89Q211>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

For sale. All prices include shipping.

LDG RBA-1 Balun - Assembled (not the kit version) - NIB - Never used - 2 available. \$20 each

LDG BA-1 Balun - This was the kit version, Core replaced. \$15

Pyramid SWR-14 SWR/Power meter with dual meter display - NIB. See it on the Ocean State website. \$12

Matched pair of rectangular panel meters. Modutec. Size approx 2 in by 3/4 in. 0 to 15V and 0 to 20A. New, Still in the original packaging. \$10

72,

John W2XS

Date: Sun, 23 Nov 2003 13:24:36 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [161708] more on the artificial ground..
Message-ID: <5.2.1.1.0.20031123115712.031f3d68@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; x-avg-checked=avg-ok-6FB37758; charset=us-ascii;
format=flowed

in messing around with what could be causing my hand capacitance problem, i found something else that might be pretty interesting.. i have found that it the effect seems to be different depending on what band i am on..

at 80, it is pretty noticeable.. and gets to be WAY noticeable at 15m..

i also found that it's not just the artificial ground that will change the tuning, but pretty much anywhere that is grounded on the cases of the artificial ground, the tuner, or the radio... the effect is much more pronounced on the artificial ground..

any hints or tips would be greatly appreciated..

thanks!

peace,
sergio
www.village-buzz.com - read my sexy blog!
www.coffee-black.com - photography....
<http://www.coffee-black.com/join.htm> <-- Join Picture of the Day!

phone ... 419 606 0557

Date: Sun, 23 Nov 2003 12:24:26 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>

To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [161709] Sunday Night Net
Message-ID: <001a01c3b1ef\$070b7f80\$4a78da0c@mchsi.com>

Wake up ladies and gentlemen:

It's a great day in the Qzarks. The temp went from 60 to 30
over night with a predicted low of 20 tonight. So, whats a guy to
do ??

Football?? OH YA get in there and root for the
team.
Church?? You bet need all the help I can get

Than what??

How's about the Sunday night Flying Pig net ??

Now there's a way to kick back and enjoy the remainder of the evening.
Will the bands be opened?? Who knows these days but the net
will go on. 7044 at 0100z is the time and place !!

Join us for some great fun and lets see if we can break Mikeys record
for the number of folks QNI. (Give him something to shoot for when
he gets back.)

You never know who's laying in wait so stop by and give it a go.

Again 7044 at 0100z (you don't have to be a member
to QNI this net)

72 es oo Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sun, 23 Nov 2003 12:10:03 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [161710] VE3DNL and freq. measurement
Message-ID: <Pine.LNX.4.44.0311231158050.4688-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I gritted my teeth and took my VE3DNL Marker Generator out of my Ten Tec Argo and it's sitting in front of me. It's a small circuit board with a CD4060B chip, a trimmer pot, a crystal and some small components.

As it sits it has no power supply and it's hard to adjust the trimmer and it's hard to get the signal strength right to beat with WWV and the unknown signal. With the crystal open to the air it will drift more cycles than if enclosed in a conducting box. Also we want all the 5 KHz squarewave to come out of a port with a gain control on it.

So more junkbox looking and hole boring and thinking what size pot for the gain control and what power supply will I use?

More fun.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 23 Nov 2003 14:19:22 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [161711] Re: VE3DNL marker generator kit
Message-ID: <200311231419.23232.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

>Anyone have one of these kits lying around not in use,
>built or un-built ?

Why not go with the W8DIZ Freq Standard Kit?

<http://partsandkits.com>

John W2AGN

Date: Sun, 23 Nov 2003 14:26:45 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [161712] ot -- laptop recommendation needed
Message-ID: <5.2.0.9.2.20031123142318.00a6ab40@pop.ameritech.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Been looking for a very small laptop to add to the qrp station.

Of course battery life is a consideration. Would like something to run windows xp, with built-in sound, small size and long battery life. However, a large colorful screen is not required. I am totoally blind, so will probably turn off the screen as much as possible. Therefore, the very small (7 inch or so) screen size is actually a plus.

Any recommendations welcome. This includes urls for more info.

THank you all very much and 73.

Date: Sun, 23 Nov 2003 15:07:00 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161713] Re: Appalachian Trail operation in PA today
Message-ID: <001101c3b1fd\$5b4a8b00\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Well to my surprise the G5RV Jr. did not work as well as I was hoping it would. It could not get the SWR on 15 meters below 2.8 to 1 and the SWR on 30 meters was 5.8 to 1. The SWR on 40 and 20 were great and I received good signal reports.

Unfortunately I am going to stop announcing that I am going out on the AT to make QSO's. There was a wise guy on 40 meters deliberately tuning up and interfering with me. Even when I moved he followed. So some poor idiot just ruined it for everyone. The wife did not expect me back home until 22:00 UTC. That would have been great and doable if the idiot would have let me alone.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

----- Original Message -----

From: "Ron Polityka" <wb3aal@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 23, 2003 8:12 AM
Subject: Appalachian Trail operation in PA today

> Hello,
>
> I am taking a break this afternoon from printing the calendars, which are
> about 80% complete. I am also taking a mental break from all the family
> problems with my in laws passing away and the other in the hospital.
> Permission was granted by the wife. :-)
>
> Anyway, I plan to be out on the Appalachian Trail sometime around 16:00
UTC
> and 17:00 UTC. I am going to take a G5RV Junior and try it out with my K1.
> Look for me around the usual QRP freq. + or - due to QRM. I will try to be
> on the following if the propagation is good. 7.041, 10.107, 14.061 or
21.061
> MHz. This is an antenna testing session again. If the G5RV Junior works
good
> I might be taking this antenna out on the AT or just place it up at my
home
> QTH.
>
> I will be operating on the AT just north of Route 183 near Strausstown,
PA.
>
> 72 and Thanks,
> Ron Polityka
> WB3AAL
> www.n3epa.org/
>
>
>

Date: Sun, 23 Nov 2003 13:15:53 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <k5di@zianet.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [161714] Re: VE3DNL and freq. measurement
Message-ID: <BBE66389.FA6A%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Karl - I run my VE3DNL from a 9 V battery. I don't think that the VE3DNL will drift with supply voltage, but if you want to cover all bases, use a micropower (not one of the 7805s) 5 V regulator with the 9V battery.

I use a 12 in wire on the output and get the desired signal strength by moving the generator closer or further away from the receiver. I call this the 1 over r-squared attenuator.

If you take the output directly from the generator, the best way to vary the output is with a switchable attenuator. This will be calibrated. Another option is to use a pot across the output. Put the full resistance of the pot across the output and take the output from the wiper.

The temperature stability of the crystal can be improved by epoxying a positive temperature coefficient (PTC) thermister to the crystal and supplying it with a constant voltage (12 V). The PTC thermister will heat up after the supply is connected. The resistance will increase as the temperature rises. As the resistance increases, the current will drop, as will the Ohmic heating, I^2R . As the current drops, the temperature will drop. As the temperature decreases, the resistance will decrease, the current will increase, the heating will increase and the temperature will rise. Eventually the whole thing will come to thermal equilibrium at a more or less fixed temperature. This is sort of a poor mans crystal oven and temperature controller all in one. Digi-Key sells PTC thermisters. They are usually rated at a specific temperature for a specified input voltage. The current draw will be high.

The microprocessor crystals used in the VE3DNL markers are not really designed for temperature stability. You might consider having a more stable crystal made by one of the major crystal houses, such as International Crystal (ICM). The cost will only be 2 or 3 X the original cost of the VE3DNL. :^)

Let us know how it all turns out. - Dr. Megacycle

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sun, 23 Nov 2003 15:25:56 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <elecrafft@mailman.qth.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161715] KX1 #93 on the Air
Message-ID: <Law9-0E66QUUBPcZi7100002138@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just completed the basic KX1 - no problems and everything was there. Getting 4W+ out on 40 and 20 with a 13.8 VDC supply. Sounds good on SSB and AM, too. Worked WY1W on 40 to break it in.

Sweet rig. Thanks, Wayne, Eric and the crew !

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 23 Nov 2003 13:33:06 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <khyberpass65@yahoo.com>, <gosier@twcnny.rr.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [161716] Re: TS7N and signing "QRP"
Message-ID: <BBE66791.FA6E%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Gene and Carrie - Most DXpedition ops are there to make the most contacts they can. They don't like to have any exchanges any longer than necessary. Thus they usually do not like to hear callers sign /QRP. It adds to the length of hte QSO. On short DXpeditions or those very rare ones, the additional time a /QRP on every QRP station they worked would add up to several QSOs that they could have made and didn't because of hte additional time a /QRP cost.

It doesn't pay to upset the DXpedition op since he is the one that eventually determines whether or not you will receive a confirmation.

I personally think that signing /QRP is a request for special treatment. I don't operate QRP to get special treatment, I operate it for the challenge.

There are other ways of making your call stand out from the rest. delaying the start of calling a second. increasing or decreasing your keying weighting slightly, and having a good antenna all work. /QRP does as well, but it is not usually appreciated by the op at the other end. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sun, 23 Nov 2003 14:57:37 -0600
From: "Joe Martin" <km5cw@wt.net>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [161717] Re: Appalachian Trail operation in PA today
Message-ID: <000d01c3b204\$758cc940\$9f4cd6d0@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know exactly what you mean. I am rockbound at 14.060 and all day yesterday everytime I tried to get on some clown would dead key on top of me. There is no reason why someone should be so rude. Since I'm QRP not anything I could do about it.

-----| Virus Scanned by Symantec |-----
----- Original Message -----
From: "Ron Polityka" <wb3aal@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 23, 2003 2:07 PM
Subject: Re: Appalachian Trail operation in PA today

> Hi,
>
> Well to my surprise the G5RV Jr. did not work as well as I was hoping it
> would. It could not get the SWR on 15 meters below 2.8 to 1 and the SWR on
> 30 meters was 5.8 to 1. The SWR on 40 and 20 were great and I received
good
> signal reports.
>
> Unfortunately I am going to stop announcing that I am going out on the AT
> to make QSO's. There was a wise guy on 40 meters deliberately tuning up
and
> interfering with me. Even when I moved he followed. So some poor idiot

just

> ruined it for everyone. The wife did not expect me back home until 22:00
> UTC. That would have been great and doable if the idiot would have let me
> alone.

>

> 72 and Thanks,

> Ron Polityka

> WB3AAL

> www.n3epa.org/

>

>

> ----- Original Message -----

> From: "Ron Polityka" <wb3aal@verizon.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Sunday, November 23, 2003 8:12 AM

> Subject: Appalachian Trail operation in PA today

>

>

> > Hello,

> >

> > I am taking a break this afternoon from printing the calendars, which
are

> > about 80% complete. I am also taking a mental break from all the family

> > problems with my in laws passing away and the other in the hospital.

> > Permission was granted by the wife. :-)

> >

> > Anyway, I plan to be out on the Appalachian Trail sometime around 16:00

> UTC

> > and 17:00 UTC. I am going to take a G5RV Junior and try it out with my
K1.

> > Look for me around the usual QRP freq. + or - due to QRM. I will try to
be

> > on the following if the propagation is good. 7.041, 10.107, 14.061 or

> 21.061

> > MHz. This is an antenna testing session again. If the G5RV Junior works

> good

> > I might be taking this antenna out on the AT or just place it up at my

> home

> > QTH.

> >

> > I will be operating on the AT just north of Route 183 near Strausstown,

> PA.

> >

> > 72 and Thanks,

> > Ron Polityka

> > WB3AAL

> > www.n3epa.org/

> >

> >
> >
>
>
>

Date: Sun, 23 Nov 2003 15:04:10 -0800
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: <qrp-1@Lehigh.EDU>, <njqrp@njqrp.org>, <fpqrp-1@fpqrp.org>
Subject: [161718] Last of free QST's headed to recycling or ???
Message-ID: <003a01c3b216\$1c44c740\$0300a8c0@e5o8v5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The magazines I advertised a couple of weeks ago are all gone as is the bulk of my 30 yr QST collection.

The QST's remaining are headed out to recycling Tuesday.... if anyone wants a year or two let me know. Here is what I have left...

QST - 1973, 1975, 1978, 1982, 1983, 1984, 1986, 1987, 1988, 1990 (missing December)

Shipping via US Mail Media Mail costs about \$5 per year.

Mike

--
Michael Melland, W9WIS
Winneconne, WI USA
<http://webpages.charter.net/w9wis>

Date: Sun, 23 Nov 2003 15:12:23 -0600
From: George Fremin III <geoiiii@kkn.net>
To: qrp-1@Lehigh.EDU
Subject: [161719] Re: TS7N and signing "QRP"
Message-ID: <20031123211223.GA11481@kkn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Nov 23, 2003 at 01:33:06PM -0700, James R. Duffey wrote:

> There are other ways of making your call stand out from the rest. delaying
> the start of calling a second. increasing or decreasing your keying
> weighting slightly, and having a good antenna all work. /QRP does as well,
> but it is not usually appreciated by the op at the other end. - Dr.
> Megacycle KK6MC/5

I really don't think signing /QRP is the best way to get through a pileup but I guess whatever works. I think Dr. Mc does have a point it might not be appreciated by the op on the other end.

In any event I do not think that signal strength is as much a factor of getting thorough a pileup as some would think. When I am on the other end of a pileup I am often amazed at how weak some guys are that I manage to pull out of the pile.

I am also amazed at how weak some guys are that are running 100 watts are more and how strong some QRP stations are.

If you would like to hear what it is like to have a big CW pileup you can listen to this recording:

http://www.kkn.net/~k5tr/audio/vp8/vp8geo_cw.mp3

This is a recording of 20 meters from VP8GE0.
The operator is James Brooks 9V1YC.
The wideband white noise you hear at times in the pileup is the 20 meter SSB station transmitting.

--

George Fremin III - K5TR
geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Sun, 23 Nov 2003 16:13:22 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161720] Elmer 160: Time to get to work
Message-ID: <009c01c3b206\$a134dd10\$090044c0@BrianBoru>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FINALLY!

We are ready to start the Elmer 160 PIC course now! Complete details on
<http://www.amqrp.org/elmer160>.

We are now at the point we need to expose some of the helpers, too. You got a hint a few weeks back that George Heron conspired to get the resources of AmQRP behind this project. George is also doing the web work, freeing me to focus on the course content.

Craig Johnson, AA0ZZ, has done the design of the PIC-EL board. George, Joe Everhart, N2CX, and Earl Morris, N8ERO, have all participated in proofreading schematics, coming up with ideas, and cycling through parts choices. Joe will be organizing the kitting.

All of those folks, as well as Bill Albe, N8FUZ, have been helping me with the content, proofreading, catching places where I make wild leaps, and generally keeping me honest. I'm very pleased with the material we have so far, and I hope you will be, too.

The intention is to do one lesson a week. The first two are posted on the AmQRP web site already, largely because Lesson 2 will take some time for folks with dial up connections, and besides, we have Thanksgiving coming up. Don't be too concerned if you get a little behind, Lesson 3 is a little lightweight, something that you should be able to complete in under an hour. We will also spread things out around Christmas to be fair to those that have family duties taking them away from their hobby.

I will primarily be using QRP-L for questions, however I will monitor ham-pic, and will copy replies to both reflectors. The reason for this is that there are many folks who find the traffic rate on QRP-L a little tough to deal with, but I think all of us want the archives of this to be included on the QRP-L CD from the ARCI toy store. Don't forget - Elmer 160: in the subject or there's good odds I'll miss it.

>From time to time I will summarize the discussions and post the summary to AmQRP.

I'm going to try out yet another path for questions. On Thursday mornings (Z) from 0030-0130 (Wednesday evening U.S Eastern) I will be monitoring the Echolink node KC8TQU-L. I am scanning that most of the time, so quite often you can catch me there, but I will make it a point to be there that one hour a week. If you call at other times, be sure to give a couple of calls. It's

pretty easy to miss a short call when the scanner pauses on a QSO on some other repeater. I expect the traffic will be light but we'll see. Anything interesting that shows up there will also be included in the summary. If it gets to be popular we certainly can add other times.

There's quite a bit of material on the AmQRP site, so I expect we'll generate a certain amount of discussion from that. More grist for the FAQ mill! The page on the PIC-EL is a little light, I know. We'll be fleshing that out shortly, but the experts are still busy testing, making sure the foil is correct, all that.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 23 Nov 2003 16:17:27 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161721] Re: VE3DNL and freq. measurement
Message-ID: <007d01c3b207\$32bba7a0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah but....

For \$12 it's a real useful tool on the bench.

Diz at www.kitsandparts.com also sells a freq standard.

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 23, 2003 2:10 PM
Subject: VE3DNL and freq. measurement

>

> I gritted my teeth and took my VE3DNL Marker Generator out of my
> Ten Tec Argo and it's sitting in front of me. It's a small circuit
board
> with a CD4060B chip, a trimmer pot, a crystal and some small

components.

>

> As it sits it has no power supply and it's hard to adjust the
> trimmer and it's hard to get the signal strength right to beat with
WWV

> and the unknown signal. With the crystal open to the air it will drift
> more cycles than if enclosed in a conducting box. Also we want all the
5

> KHz squarewave to come out of a port with a gain control on it.

>

> So more junkbox looking and hole boring and thinking what size
> pot for the gain control and what power supply will I use?

>

> More fun.

>

>

>

>

> --

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

>

>

>

Date: Sun, 23 Nov 2003 16:21:30 -0500

From: "Brian Murrey" <brian@iquest.net>

To: <km5cw@wt.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [161722] Re: Appalachian Trail operation in PA today

Message-ID: <008701c3b207\$c3ed2640\$02fea8c0@bjmw2k>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok guys...

I'm a mental case so this may not work for you.

I have a prescription pill bottle. In the lid I have mounted a RED
pushbutton switch.

I keep it by my rig.

When someone starts tuning up on me, over and over, no matter where I move, I simply push the button, hold it for 5 secs, grit my teeth, and visualize the tuner upper being hyperspaced to Doggie World wearing nothing more than milkbone undies.

Or something to that effect.

These are also nice to have in the car.

72 de KB9BVN

----- Original Message -----

From: "Joe Martin" <km5cw@wt.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, November 23, 2003 3:57 PM

Subject: Re: Appalachian Trail operation in PA today

> I know exactly what you mean. I am rockbound at 14.060 and all day yesterday

> everytime I tried to get on some clown would dead key on top of me. There is

> no reason why someone should be so rude. Since I'm QRP not anything I could

> do about it.

>

> -----| Virus Scanned by Symantec |-----

> ----- Original Message -----

> From: "Ron Polityka" <wb3aal@verizon.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Sunday, November 23, 2003 2:07 PM

> Subject: Re: Appalachian Trail operation in PA today

>

>

> > Hi,

> >

> > Well to my surprise the G5RV Jr. did not work as well as I was hoping it

> > would. It could not get the SWR on 15 meters below 2.8 to 1 and the SWR on

> > 30 meters was 5.8 to 1. The SWR on 40 and 20 were great and I received

> good

> > signal reports.

> >

> > Unfortunately I am going to stop announcing that I am going out on

the AT
> > to make QSO's. There was a wise guy on 40 meters deliberately tuning
up
> and
> > interfering with me. Even when I moved he followed. So some poor
idiot
> just
> > ruined it for everyone. The wife did not expect me back home until
22:00
> > UTC. That would have been great and doable if the idiot would have
let me
> > alone.
> >
> > 72 and Thanks,
> > Ron Polityka
> > WB3AAL
> > www.n3epa.org/
> >
> >
> > ----- Original Message -----
> > From: "Ron Polityka" <wb3aal@verizon.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Sunday, November 23, 2003 8:12 AM
> > Subject: Appalachian Trail operation in PA today
> >
> >
> > > Hello,
> > >
> > > I am taking a break this afternoon from printing the calendars,
which
> are
> > > about 80% complete. I am also taking a mental break from all the
family
> > > problems with my in laws passing away and the other in the
hospital.
> > > Permission was granted by the wife. :-)
> > >
> > > Anyway, I plan to be out on the Appalachian Trail sometime around
16:00
> > UTC
> > > and 17:00 UTC. I am going to take a G5RV Junior and try it out
with my
> K1.
> > > Look for me around the usual QRP freq. + or - due to QRM. I will
try to
> be
> > > on the following if the propagation is good. 7.041, 10.107, 14.061
or

> > 21.061
> > > MHz. This is an antenna testing session again. If the G5RV Junior works
> > good
> > > I might be taking this antenna out on the AT or just place it up at my
> > home
> > > QTH.
> > >
> > > I will be operating on the AT just north of Route 183 near Strausstown,
> > PA.
> > >
> > > 72 and Thanks,
> > > Ron Polityka
> > > WB3AAL
> > > www.n3epa.org/
> > >
> > >
> > >
> >
> >
> >
>
>
>
>

Date: Sun, 23 Nov 2003 16:19:55 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [161723] Re: TS7N and signing "QRP"
Message-ID: <200311231619.55556.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

>There are other ways of making your call stand out from the rest. delaying
>the start of calling a second. increasing or decreasing your keying
>weighting slightly, and having a good antenna all work. /QRP does as well,
>but it is not usually appreciated by the op at the other end.

I used to think this also, but the number of times I have, in desperation, signed '/QRP" and had the DX station come back "QRP Stn only" makes me rethink it. If it works, then it can be an effective tool. Kinda like "tail-ending."

John W2AGN

Date: Sun, 23 Nov 2003 21:44:56 +0000
From: jacksonharbor@att.net
To: ham-pic@mailman.qth.net
Cc: qrp-l@lehigh.edu
Subject: [161724] Re: [Ham-pic] Announcing Elmer 160
Message-ID: <112320032144.24881.566f@att.net>

Fellow PICers -

For those of you with dialup, I just spent several hours downloading the 30 megabyte PIC development MPLAB software, version 6.4 :

<<http://www.microchip.com/1010/pline/tools/picmicro/devENV/mplabi/mplab6/10849/index.htm>>

I used a free program called: Download express which makes the download much easier with Internet Explorer.

<http://www.metaproducts.com/mp/mpProducts_Detail.asp?id=18>

One nice thing with Download Express is that the download can be paused and/or resumed if something goes haywire. It's also supposed to be faster but I didn't really notice any big acceleration.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press

Date: Sun, 23 Nov 2003 14:49:24 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: sergio <sergio@village-buzz.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161725] Re: more on the artificial ground..
Message-ID: <Pine.LNX.4.44.0311231439360.4688-100000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Nov 2003, sergio wrote:

>
> in messing around with what could be causing my hand capacitance problem, i
> found something else that might be pretty interesting.. i have found that
> it the effect seems to be different depending on what band i am on..

No Sergio, I would expect that hand capacitance effects will increase as the frequency increases.

>
> at 80, it is pretty noticeable.. and gets to be WAY noticeable at 15m..
>
> i also found that it's not just the artificial ground that will change the
> tuning, but pretty much anywhere that is grounded on the cases of the
> artificial ground, the tuner, or the radio... the effect is much more
> pronounced on the artificial ground..
>

Well you didn't give much to work with. How long is the wire connected to the artificial ground? Is the wire insulated and is it connected to anything?

The artificial ground is a capacitor and inductor that you adjust so the wire LOOKS like a 1/4 wavelength wire. I hope you have the other end hooked to your antenna tuner ground. And you should have a short ground wire running from the radio to the tuner.

Tell me more about your antenna and the wire your using as a counterpoise. You should be able to drop the RF Voltage on all of your shack gear to a low value.

> any hints or tips would be greatly appreciated..
>
> thanks!
>
>
>
> ---
> peace,
> sergio
> www.village-buzz.com - read my sexy blog!

> www.coffee-black.com - photography....
> http://www.coffee-black.com/join.htm <-- Join Picture of the Day!
>
> phone ... 419 606 0557
>
>
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 23 Nov 2003 13:51:36 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: "James R. Duffey" <JamesDuffey@comcast.net>, gosier@twcnny.rr.com
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [161726] Re: TS7N and signing "QRP"
Message-ID: <20031123215136.87873.qmail@web60304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "James R. Duffey" <JamesDuffey@comcast.net> wrote:

> Gene and Carrie - Most DXpedition ops are there to make the most
> contacts
> they can. They don't like to have any exchanges any longer than
> necessary.
> Thus they usually do not like to hear callers sign /QRP. It adds to
> the
> length of hte QSO. On short DXpeditions or those very rare ones, the
> additional time a /QRP on every QRP station they worked would add up
> to
> several QSOs that they could have made and didn't becasue of hte
> additional
> time a /QRP cost.

I can certainly understand where it would be a personal decision of the
DX op in question. I'm glad they all didn't feel as you suggested
above or I wouldn't have any cards. HI

And I did say in my post that there were those who disagreed with the
signing of /QRP.

> I personally think that signing /QRP is a request for special

> treatment. I
> don't operate QRP to get sepcial treatment, I operate it for the
> challenge.

I think that's why we all operate QRP James .. for the challenge. I can truthfully say that I've never thought of signing /QRP as asking for special treatment. As I stated in my post, it seems some of them even enjoyed working us.

> /QRP does as well, but it is not usually appreciated by the op at
> the other end. - Dr.

I'd be interested in knowing on what you're basing that on James .. that it's not appreciated. Personal experience? Data? Just curious.

72, Gary -K8KFJ-

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Sun, 23 Nov 2003 15:09:51 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "James R. Duffey" <JamesDuffey@comcast.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161727] Re: VE3DNL and freq. measurement
Message-ID: <Pine.LNX.4.44.0311231453290.4688-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Nov 2003, James R. Duffey wrote:

> Karl - I run my VE3DNL from a 9 V battery. I don't think that the VE3DNL
> will drift with supply voltage, but if you want to cover all bases, use a
> micropower (not one of the 7805s) 5 V regulator with the 9V battery.

The battery is a good idea. I need to put a switch in it and remember to turn it off. I agree that the 4060 has voltage regulation in the crystal oscillator section. It is rated at 5 to 15 volts Vcc.

>
> I use a 12 in wire on the output and get the desired signal strength by

> moving the generator closer or further away from the receiver. I call this
> the $1/r^2$ attenuator.
>
>
> If you take the output directly from the generator, the best way to vary the
> output is with a switchable attenuator. This will be calibrated. Another
> option is to use a pot across the output. Put the full resistance of the pot
> across the output and take the output from the wiper.

I think the pot is what I want hooked up as you say. The biggest problem I always have with calibration of this device is getting the device signal about equal to the WWV signal. When you get this and are getting close to calibration you can hear a beat note depending on how close. As you get closer you watch the s meter and it will begin to oscillate until you get within 1 cycle. Then your home.

>
> The temperature stability of the crystal can be improved by epoxying a
> positive temperature coefficient (PTC) thermister to the crystal and
> supplying it with a constant voltage (12 V). The PTC thermister will heat up
> after the supply is connected. The resistance will increase as the
> temperature rises. As the resistance increases, the current will drop, as
> will the Ohmic heating, I^2R . As the current drops, the temperature will
> drop. As the temperature decreases, the resistance will decrease, the
> current will increase, the heating will increase and the temperature will
> rise. Eventually the whole thing will come to thermal equilibrium at a more
> or less fixed temperature. This is sort of a poor mans crystal oven and
> temperature controller all in one. Digi-Key sells PTC thermisters. They are
> usually rated at a specific temperature for a specified input voltage. The
> current draw will be high.

This may not be needed. I plan to run a simulation like thing where I adjust to 10 MHz WWV. Wait 15 minutes and determine how many Hz it has drifted. After all this is all happening in a hamshack that is heated to about 70 degrees and then held there.

>
> The microprocessor crystals used in the VE3DNL markers are not really
> designed for temperature stability. You might consider having a more stable
> crystal made by one of the major crystal houses, such as International Crystal
> (ICM). The cost will only be 2 or 3 X the original cost of the VE3DNL. :^)
>

If a real temperature and other stabilized crystal oscillator is required then I will trash the VE3DNL back into my Argonaut and, if still interested I will build something like the stuff they are using in Australia. I do know that time from PBS stations is derived from an atomic standard. The 50 Hz is really 50 Hz!

> Let us know how it all turns out. - Dr. Megacycle

>

> _____
> James R. Duffey KK6MC/5

> Cedar Crest NM 87009 DM65

>

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 23 Nov 2003 16:12:26 -0600

From: "Tony Martin W4FOA" <w4foa@comcast.net>

To: <JamesDuffey@comcast.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [161728] Re: TS7N and signing "QRP"

Message-ID: <00c301c3b20e\$e10e8fa0\$6401a8c0@Delldude>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jim,

You are certainly entitled to your opinion, but I must disagree with just about every one of your assumptions. Having spent many years "on the other end", granted not from a rare DXpedition, but from fairly exotic places, I personally found it a pleasure to work the /QRP gang as well as the "using an indoor antenna" gang.

In the past several years I have worked many DXpeditions with /QRP affixed to my call and have never once to my recollection, been chastised for doing so. To the contrary, I have found several situations where the DXpedition would ask how much power, what rig, and even in some cases, give an honest RST with a "congrats on QRP".

With the upcoming Bouvet (I believe it is), signing /QRP wouldn't get you anything for the first couple of weeks anyway, so it would be a waste of time for the QRP'er. However later in the game, and this almost always happens, when the BIG GUNS have had their fill, if you are a skillful (listening) operator, you will find the DXpeditions almost begging for QSOs...they will take /QRP without hesitation.

As I said in my opening sentence, you certainly are entitled to your opinion...I just beg to differ with many of your assumptions. For sure they

are trying to make as many QSO's as possible, and for sure "operating technique" of the hunter (delaying a bit, calling higher or lower than the crowd, calling significantly slower or significantly higher speed CW) will often bring rewards.

Just my 2 cents...

Tony, W4FOA (ex EL2AD, 7Q7AA, PY1ZBA, etc.)

----- Original Message -----

From: "James R. Duffey" <JamesDuffey@comcast.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 23, 2003 2:33 PM

Subject: Re: TS7N and signing "QRP"

> Gene and Carrie - Most DXpedition ops are there to make the most contacts
> they can. They don't like to have any exchanges any longer than necessary.
> Thus they usually do not like to hear callers sign /QRP. It adds to the
> length of hte QSO. On short DXpeditions or those very rare ones, the
> additional time a /QRP on every QRP station they worked would add up to
> several QSOs that they could have made and didn't becasue of hte
additional
> time a /QRP cost.
>
> It doesn't pay to upset the DXpedition op since he is the one that
> eventually determines whether or not you will receive a confirmation.
>
> I personally think that signing /QRP is a request for special treatment. I
> don't operate QRP to get sepcial treatment, I operate it for the
challenge.
>
> There are other ways of making your call stand out from the rest. delaying
> the start of calling a second. increasing or decreasing your keying
> weighting slightly, and having a good antenna all work. /QRP does as well,
> but it is not usually appreciated by the op at the other end. - Dr.
> Megacycle KK6MC/5
>
> -----
> James R. Duffey KK6MC/5
> Cedar Crest NM 87009 DM65
>

Date: Sun, 23 Nov 2003 17:10:57 -0500
From: "Ken La Rose" <kenlar@csolve.net>

To: <qrp-1@Lehigh.EDU>, "QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>
Cc: "Tom Hamblin" <hamblin@mirusinternational.com>,
"Tom Curtola" <tcurtola@rogers.com>, "KI8DU" <ki8du1@yahoo.com>,
Subject: [161729] Re: Sunday Morning SSB/CW QRP Net
Message-ID: <005a01c3b20e\$d3213140\$32cdacce@D1YQV721>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello!

This morning's net was FUN, even though band conditions were still not normal. Tons of QRN and heavy QSB....well, you know the story!

The following stations were successfully logged:

VE3OSC op John VA3JE at Ont. Science Ctr.ham stn., Toronto, ON
VE3GND Bob (the Highlander!) in Oshawa, ON
VE3CQV Ron in Oakville, ON (nice CW sig!)
VE3JC John in London, ON
VE3RLX Ric in Brantford, ON
VE3TEQ/m Armin wheeling down Hwy 400, central ON
VE3QF Tony in Scarborough (5w - Elecraft K2, dipole)
VE3KQN Jim in Pickering, ON

Thanks to Sam K9GHD, George KA9YCB, Michael VE3WMB, Jim VA3KV, and Tom VE3UKU for making the attempt as well. Sorry we couldn't pick you guys up. Hopefully, next week!

We'll give it a try again next Sunday morning, 9:30 am local, (1430Z) on 7.067 MHz. Operating QRP portable in the CQWW CW contest from a cottage in Haliburton, ON. Will take a break to relax and see who's around then!

72,

de Ken VE3ELA NCS, Midland, ON (Argonaut 509 - 5w, end-fed longwire)

Date: Sun, 23 Nov 2003 14:23:00 -0800
From: "Rich Johnson" <rjohnson390@comcast.net>
To: <mctylr@privacy.nb.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161730] Re: VE3DNL marker generator kit

Message-ID: <001c01c3b210\$5ad4c420\$f877d30c@END0EB86CD98A1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please tell me why a low frequency frequency markers are useful?
They are to low in frequency to be in the HF bands the way i see it so how
are they used to calibrate radios?

cheers,
rich

----- Original Message -----

From: "M Taylor" <mctylr@privacy.nb.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 23, 2003 8:54 AM
Subject: Re: VE3DNL marker generator kit

> On Sat, Nov 22, 2003 at 09:23:30PM -0800, KI8DU wrote:
> > Anyone have one of these kits lying around not in use,
> > built or un-built ?
>
> No need for a kit really.
>
> The PC Board is available from Far Circuits for \$4,
> <<http://www.farcircuits.net/freq1.htm>>
>
> Details are available from
> <<http://jacksonharbor.home.att.net/ve3dnlem.htm>>
> <<http://qrp.kd4ab.org/1995/950720/0011.html>>
> <<http://jacksonharbor.home.att.net/ve3dn1.pdf>>
>
> Parts List:
> U1...CMOS 4060 (i.e. MC14060, CD4060)
> C1...27pf, NP0 disk preferred
> C2...small trimmer cap...used to trim oscillator frequency
> nominal capacitance about 25 pf
> C3... 0.1 uF decoupling cap
> R1...220k to 1MEG resistor
> X1...5.12000 Mhz microprocessor xtal
>
>
>

Date: Sun, 23 Nov 2003 15:23:27 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Brian Murrey <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161731] Re: VE3DNL and freq. measurement
Message-ID: <Pine.LNX.4.44.0311231520480.4688-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Nov 2003, Brian Murrey wrote:

> Yeah but....
>
> For \$12 it's a real useful tool on the bench.
>
> Diz at www.kitsandparts.com also sells a freq standard.

Yes he does. I wonder if the 20 MHz TCXO is more stable than the crystal? Since you set the frequency with a voltage divider it must be VERY voltage sensitive.

Does anyone know how stable these devices are?

>
>
> ----- Original Message -----
> From: "Karl Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, November 23, 2003 2:10 PM
> Subject: VE3DNL and freq. measurement
>
>
> >
> > I gritted my teeth and took my VE3DNL Marker Generator out of my
> > Ten Tec Argo and it's sitting in front of me. It's a small circuit
> board
> > with a CD4060B chip, a trimmer pot, a crystal and some small
> components.
> >
> > As it sits it has no power supply and it's hard to adjust the
> > trimmer and it's hard to get the signal strength right to beat with
> WWV
> > and the unknown signal. With the crystal open to the air it will drift
> > more cycles than if enclosed in a conducting box. Also we want all the
> 5

> > KHz squarewave to come out of a port with a gain control on it.
> >
> > So more junkbox looking and hole boring and thinking what size
> > pot for the gain control and what power supply will I use?
> >
> > More fun.
> >
> >
> >
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
> >
> >
>
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 23 Nov 2003 14:23:57 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: George Fremin III K5TR <geoiiii@kkn.net>
Cc: Low Power radio discussion <qrp-1@Lehigh.EDU>
Subject: [161732] Re: TS7N and signing "QRP"
Message-ID: <20031123222357.94512.qmail@web60304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- George Fremin III <geoiiii@kkn.net> wrote:

> If you would like to hear what it is like to have a big CW
> pileup you can listen to this recording:
>
> http://www.kkn.net/~k5tr/audio/vp8/vp8geo_cw.mp3
>
> This is a recording of 20 meters from VP8GEO.
> The operator is James Brooks 9V1YC.
> The wideband white noise you hear at times in the pileup is
> the 20 meter SSB station transmitting.

Hello George. I bet many don't know of the other significant talent of James Brooks. He's turned out some excellent videos of unquestionable quality. I personally own F00AAA (Clipperton Island) and A52A (Bhutan 2000) and I feel sure there are probably others I've missed. James takes you on the trip getting there (whether by sea or air) to setting up, operating, the history and inhabitants of the locale as well as the wildlife and plants, etc. If you ever get the chance to view one of these videos, please take advantage of it. You won't be disappointed.

72, Gary -K8KFJ-

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard

<http://antispam.yahoo.com/whatsnewfree>

Date: Sun, 23 Nov 2003 16:22:41 -0800
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: <qrp-1@Lehigh.EDU>, <njqrp@njqrp.org>, <fpqrp-1@fpqrp.org>
Subject: [161733] Re: Last of free QST's headed to recycling or ???
Message-ID: <007801c3b221\$1501a4c0\$0300a8c0@e5o8v5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QST's going fast.... I have left:

QST - 1978, 1986, 1987, 1988, 1990 (missing
December)

Shipping via US Mail Media Mail costs about \$5 per year.

Mike

Date: Sun, 23 Nov 2003 17:27:47 -0500
From: "David LeDuc" <dleduc@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161734] RE: TS7N and signing "QRP"
Message-ID: <MPEBLEI0LEPIGHEMLNNOIEIACDAA.dleduc@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="us-ascii"
Content-Transfer-Encoding: 7bit

I agree! I once had a DX station tell the pileup to QRX while he reduced his power and worked me QRP to QRP.

Dave N1IX

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Sielke
Sent: Sunday, November 23, 2003 4:20 PM
To: Low Power Amateur Radio Discussion
Subject: Re: TS7N and signing "QRP"

>There are other ways of making your call stand out from the rest. delaying
>the start of calling a second. increasing or decreasing your keying
>weighting slightly, and having a good antenna all work. /QRP does as well,
>but it is not usually appreciated by the op at the other end.

I used to think this also, but the number of times I have, in desperation, signed '/QRP' and had the DX station come back "QRP Stn only" makes me rethink it. If it works, then it can be an effective tool. Kinda like "tail-ending."

John W2AGN

Date: Sun, 23 Nov 2003 16:38:20 -0800
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161735] Re: VE3DNL and freq. measurement
Message-ID: <00d201c3b223\$42788520\$0300a8c0@e5o8v5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

The "Kits and Parts" frequency source is VERY stable. I had tested one against my standard and drift was almost nonexistent after the tcxo warmed

up.... about 30 minutes IIRC. Once settled down it stayed withing a hertz or two at 10.0 MHz after some tweaking

Mike, W9WIS

Date: Sun, 23 Nov 2003 17:43:08 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [161736] Re: TS7N and signing "QRP"
Message-ID: <3FC137FC.1090808@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Just my 2 cents...
>
> Tony, W4FOA (ex EL2AD, 7Q7AA, PY1ZBA, etc.)
>
>

I would say that experience is worth quite a bit more than 2 cents ;-)

John W2AGN

Date: Sun, 23 Nov 2003 16:00:40 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "Michael Melland, W9WIS" <w9wis@charter.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161737] Re: VE3DNL and freq. measurement
Message-ID: <Pine.LNX.4.44.0311231600010.4726-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Nov 2003, Michael Melland, W9WIS wrote:

> Karl,
>
> The "Kits and Parts" frequency source is VERY stable. I had tested one
> against my standard and drift was almost nonexistent after the tcxo warmed
> up.... about 30 minutes IIRC. Once settled down it stayed withing a hertz
> or two at 10.0 MHz after some tweaking

Thanks Mike! I am going to order one asap.

>
> Mike, W9WIS
>
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 23 Nov 2003 18:29:49 -0500
From: "John Harper" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [161738] Re: Is dis da radio dat spoilt my goilfriend?
Message-ID: <000301c3b219\$b0307c80\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

He's baaaaaaaaack.....!

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Sun, 23 Nov 2003 15:27:27 -0800
From: Steve Ratzlaff <steveratz@eoni.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [161739] Re: VE3DNL and freq. measurement
Message-ID: <3FC1425F.AC8A9432@eoni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought a couple of Diz's standards. They need a couple days to settle down, then they're pretty stable--once you build them, apply power and just let them run. I put 10-turn pots on mine to achieve better

frequency resolution. After several days, sitting out in the open in the room, they were stable within a hertz or two, at 10MHz. Not bad for a TCXO.

The chip is a little weird, in that it has a high impedance output; you can't just use the output from the chip as is--that's why Diz has the transistor buffer. A similar device is sold by Mouser (maybe it's DigiKey), with the pinout given in the catalog, and it appears to be about the same device.

Steve AA7U

Karl Larsen wrote:

```
>
> On Sun, 23 Nov 2003, Michael Melland, W9WIS wrote:
>
> > Karl,
> >
> > The "Kits and Parts" frequency source is VERY stable. I had tested one
> > against my standard and drift was almost nonexistent after the tcxo warmed
> > up.... about 30 minutes IIRC. Once settled down it stayed withing a hertz
> > or two at 10.0 MHz after some tweaking
>
>         Thanks Mike! I am going to order one asap.
>
> >
> > Mike, W9WIS
> >
> >
> >
>
> --
>
>         - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
```

Date: Sun, 23 Nov 2003 15:45:45 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161740] eBay Scam?
Message-ID: <000e01c3b21b\$eba1daa0\$ef63e043@sydelpgnr79gmd>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

..wasn't there a thread here a month ago or so about e-mails
informing people that there eBay account had expired?

Just checking. I got one today but did NOT respond.

72,

Bill. K6WHP

End of QRP-L Digest 3113
